

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S10236WO01	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/JP2004/014540	International filing date (day/month/year) 27/09/2004	(Earliest) Priority Date (day/month/year) 15/10/2003
Applicant SUMITOMO CHEMICAL COMPANY, LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

1, 2, 4- THIADIAZOLE COMPOUNDS AND PESTS CONTROLLING COMPOSITION CONTAINING THE SAME

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regard to the drawings,**

- a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07D285/08 C07D417/04 A01N43/836

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, MEDLINE, BIOSIS, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 30 30 661 A1 (BAYER AG) 1 April 1982 (1982-04-01) claims 1,4	1-10
A	EP 0 200 334 A (FBC LIMITED; SCHERING AGROCHEMICALS LIMITED) 5 November 1986 (1986-11-05) claims 1,9,10	1-10
A	EP 0 623 604 A (BAYER AG) 9 November 1994 (1994-11-09) claims 1,5-7	1-10
P,Y	WO 2004/046125 A1 (SUMITOMO CHEMICAL COMPANY, LIMITED; IHARA, HIDEKI; TAKAOKA, DAISUKE) 3 June 2004 (2004-06-03) claims 1,5-8	1-10

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

vanVoorsttotVoorst,M

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/014540

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3030661	A1	01-04-1982	NONE	
EP 0200334	A	05-11-1986	AU 577940 B2	06-10-1988
			AU 5615686 A	18-12-1986
			BR 8601668 A	16-12-1986
			CN 86102451 A	26-11-1986
			DD 251275 A5	11-11-1987
			DK 168586 A	17-10-1986
			EP 0200334 A2	05-11-1986
			ES 8800675 A1	01-02-1988
			GR 860979 A1	07-08-1986
			HU 41401 A2	28-04-1987
			JP 61267563 A	27-11-1986
			SU 1450744 A3	07-01-1989
			US 4692457 A	08-09-1987
			ZA 8602767 A	28-01-1987
			ZW 8886 A1	19-11-1986
EP 0623604	A	09-11-1994	DE 4341066 A1	10-11-1994
			AU 5937994 A	10-11-1994
			BR 9401670 A	06-12-1994
			CN 1095067 A	16-11-1994
			DE 59409817 D1	13-09-2001
			EP 0623604 A2	09-11-1994
			HU 71699 A2	29-01-1996
			JP 6329649 A	29-11-1994
			ZA 9402997 A	18-01-1995
WO 2004046125	A1	03-06-2004	JP 2004182722 A	02-07-2004